

Despite the colonial system's efforts at appropriation,<sup>4</sup> including through Western disciplines such as anthropology, archaeology, and paleontology,<sup>5</sup> sacred wisdom tied to star knowledge and ongoing spiritual practice intellectually, culturally, and spiritually belongs to the Lakota people. Lakota people have ancient connections to the Black Hills, including the Dewey-Burdock winter camp area: sacred sites above and below ground, caves, fault lines, and ancient migration sites. Elders and spiritual practitioners have vast knowledge far beyond the comprehension of the Western education system, and this knowledge cannot be appropriated, diminished, or dismissed.

Below is a **partial** list of evidence, including knowledge held by Oglala Sioux Tribal members and other Lakota people, which is relevant to the proposed Dewey-Burdock project and which needs to be meaningfully considered by the Environmental Protection Agency, or any other agency considering permit or license applications for this project.

<b>CATEGORY:</b>	<b>EVIDENCE:</b>	<b>KNOWLEDGE BEARER /Contact Person:</b>
<b>Elders &amp; Spiritual Practitioners: Relevance of water quality and quantity to ongoing ceremonial and daily spiritual practice</b>	<b>Winter Camps</b>	16 Tribal Nations on Black Hills National Forest Tribal/THPO mailing list, People of the Winter Camps
	<b>Fault Lines: Buffalo Dance</b>	Benedict Good Buffalo, Leola One Feather, Floyd Hand Sr.
	<b>Underground Caves: Connecting to HE SAPA</b>	Marie Randall, Benedict Good Buffalo, Floyd Hand Sr., Richard Broken Nose, Leola One Feather
	<b>Wilmer Mesteth Family Documentation per Daughter Rachel Mesteth</b>	Rachel Mesteth
	<b>Cheyenne River / Wakpa Waste</b>	Ben Rhodd, Leonard Crow Dog, Marie Randall, Richard Broken Nose, Arvol Looking Horse
	<b>Marshland Protection (WAKPAMNI): Gnuska History, Wewela</b>	Harold Dean Salway, Wakpamni District, Jackie Siers, Sonia Little Hawk-Weston, Ricky Grey Grass, Lone Hill Family
	<b>Great Race Obligations of Having a Voice: Sacred Hoop Runners Impacts, Endangered Species Act, Hunting Open Kill</b>	Julian Bear Runner, Ricky Grey Grass, Benedict Good Buffalo, Randy Lays Bad

	<b>Spiritual Leaders Healing Assessment (years of impact)</b> <b>Microbiology Healing: VA PTSD and Mt. Sinai</b>	Pejuta Wakan Wicasa na Winyan
	<b>Hell's Canyon: Honeywell History</b>	Cowboy and Indian Alliance, Phyllis Young
	<b>Former THPO's: Methodology History</b>	Dennis Yellow Thunder, Mike Catches the Enemy, Trina Lone Hill
<b>Water Tests/Scientific Data</b>	<b>Uranium Isotopes (6: 3 Natural &amp; 3 Manufactured)</b>	Charmaine White Face
	<b>Oglala Sioux Tribe, Cheyenne River Sioux Tribe, Yankton Sioux Tribe Water Codes</b>	OST Natural Resources Regulatory Agency, CRST Department of Environment and Natural Resources, YST Environmental Protection Office
	<b>OST, CRST, YST Water Tests</b>	Reno Red Cloud, Charmaine White Face, OST Research Review Board
	<b>Well Water Tests</b>	Dr. Yvette Running Horse Collin
	<b>Arikaree Aquifer Data (USGS)<sup>6</sup></b>	Mike Catches the Enemy, Dennis Yellow Thunder
	<b>National Groundwater Association Aquifer Maps</b>	Dave Bartecchi
	<b>Data on Fish Sex Changes</b>	Dr. Otakuye Conroy-Ben, Dave Bartecchi, Dr. Mike Wireman
	<b>DENR Water Test Data<sup>7</sup></b>	SD DENR
<b>Other Tribal Nations/Oyate Impacted</b>	<b>Rosebud Sioux Tribe (Sicangu Treaty Council)</b>	

<sup>6</sup> Carter, J.M. and A. J. Heakin. 2007. "Potentiometric Surface of the Arikaree Aquifer, Pine Ridge Indian Reservation and Bennett County, South Dakota." USGS:  
[https://pubs.usgs.gov/sim/2993/pdf/sim2993\\_sheet2.pdf](https://pubs.usgs.gov/sim/2993/pdf/sim2993_sheet2.pdf).

<sup>7</sup> SD DENR Ground Water Quality Monitoring Network:  
<http://www.sdgs.usd.edu/pdf/StatewideGWQwells.pdf>; Surface Water Quality Monitoring Network:  
<https://denr.sd.gov/des/sw/images/WQMmap02172017.png>; Water Quality Portal:  
<https://www.waterqualitydata.us/>.

	Yankton Sioux Tribe (Treaty Council)	
	Cheyenne River Sioux Tribe (Treaty Council)	
	Northern Cheyenne Tribe (Annual Outbreak Run in December)	
	Northern Arapaho Tribe (Health Impacts)	
	Crow Tribe and others who set up their own monitors/surveys	
	Dine Nation (Navajo Nation)	
	Dine No Nukes/Radiation Monitoring Project	Leona Morgan
	Livestock Reports across the Pine Ridge Reservation, other White River and Cheyenne River Tribes and communities/towns along the path	Marvin Goings, Bamm Brewer, Russ Fast Wolf (OST Parks and Rec)
Other Data	Riley Pass (OLC <sup>8</sup> , USGS <sup>9</sup> )	Dr. James Stone, Dr. Larry Stetler, Dr. Albrecht Schwalm, Charmaine White Face, Dr. Hannan LaGarry
	White River Tree Project	Helen Gaddie
	SD Oil & Gas Drilling Data <sup>10</sup>	SD DENR
	Cheyenne River Contamination <sup>11</sup>	WY DEQ
	Black Hills Army Depot Contamination <sup>12</sup>	ACOE

<sup>8</sup> Stone, J., L. Stetler, and A. Schwalm. 2007. "Final Report: North Cave Hills Abandoned Uranium Mines Impact Investigation": [https://www.fs.usda.gov/Internet/FSE\\_DOCUMENTS/stelprd3834131.pdf](https://www.fs.usda.gov/Internet/FSE_DOCUMENTS/stelprd3834131.pdf).

<sup>9</sup> Pipiringos, G. N., Chisholm, W. A. and R. C. Kepferle. 1965. "Geology and Uranium Deposits in the Cave Hills Area, Harding County, South Dakota": <https://pubs.usgs.gov/pp/0476a/report.pdf>.

<sup>10</sup> SD DENR list of oil and gas drilling permits: <https://denr.sd.gov/des/og/newpermit.aspx> and cases: <https://denr.sd.gov/des/og/pubhearing.aspx>.

<sup>11</sup> See details at <http://www.wise-uranium.org/umopuswy.html>; <http://deg.wyoming.gov/>.

<sup>12</sup> TCT-St. Louis for Army Corps of Engineers. 1992. "Preliminary Assessment of Ordinance Contamination at the Former Black Hills Army Depot, South Dakota": <https://www.nrc.gov/docs/ML1305/ML13053A145.pdf>.